Business Experiments IN GRID

Type of project: Integrated Project
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ATOS ORIGIN
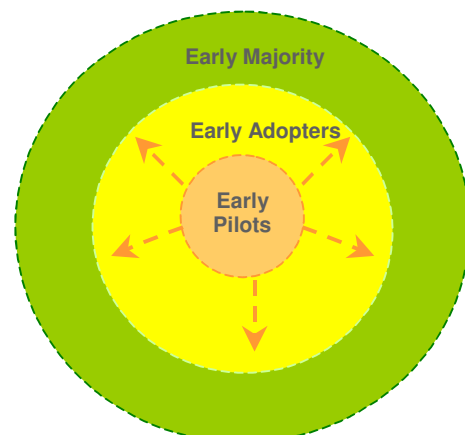**Project start date (tentative):** 1st June 2006
Duration: 42 months
Maximum Community contribution: 15.7 M euros

Summary

The main objective of the "Business Experiments in Grid" (BEinGRID) project, which has recently been selected for funding by the European Commission's Grid Technologies F2 Unit, is to foster the adoption of the so-called Next Generation Grid technologies by the realization of several **business experiments** and the creation of **a toolset repository** of Grid middleware upper layers.

BEinGRID will undertake a series of targeted business experiment pilots designed to implement and deploy Grid solutions in a broad spectrum of European business sectors (entertainment, financial, industrial, chemistry, gaming, retail, textile, etc). **Eighteen** business experiments are planned in the initial stage of the project with a **second open call** for proposals in the latter stages. Secondly, a **toolset repository** of Grid service components and best practise will be created to support European businesses that wish to take-up the Grid. To minimise redevelopment of components, BEinGRID will deploy innovative Grid solutions using existing Grid components from across the European Union and beyond.

Grid is at a critical phase in its transition from research and academic use to a wider adoption by enterprise. A lack of awareness of the benefits brought by the use of Grid technologies and the lack of reference business cases (to persuade potential users) is leading to a weak commercial exploitation of results and so of the general deployment of this technology into the market, weakening the EU´s competitiveness and leadership in this technological area. It is time to establish effective routes to push this technology adoption and to stimulate research into innovative business models.

The Figure below outlines the structure of the project in which experiments are classified by economical sector and supporting technology (Globus, gLite, Unicore, Gria and WS-). Some experiments from different sectors will share the same supporting technology and service providers can be involved in different experiment sectors.*

Each experiment is formed by 3 to 5 entities, integrating at least one end-user and a service provider, which will be required to focus on specific distributed business processes addressing current customer needs/requirements. The involvement of the end users and service providers in the vertical pilots is considered crucial to derive successful case studies that support the transition of Grid technologies from a research and science context to a wide enterprise adoption by convincing the early adopters about the benefits of Grid technologies.
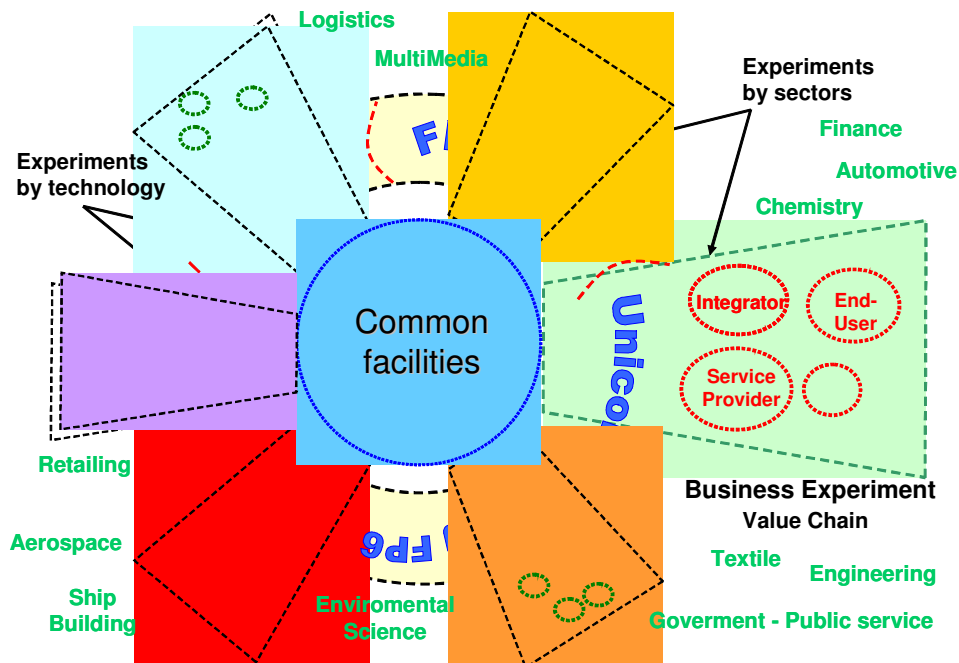
In order to ensure coordinated work-management and an accurate approach to the market, the core partners will provide a set of common facilities from technical Grid and business points of view.

Project Partners

BEinGRID consortium is composed of 75 partners that are organised in two groups: the coreteam and the BE participants. The core partners are:

BEinGRID
Business Experiments in Grid

www.beingrid.com